

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	US 20050089124 A1	20050428	15	Method and system for estimating the doppler spread in radio mobile communication systems and computer program product therefor	375/346	
2	US 20050013350 A1	20050120	37	Method and apparatus for canceling pilot interference in a wireless communication system	375/148	
3	US 20040264591 A1	20041230	14	Method and system for M-QAM detection in communication systems	375/261	
4	US 20040248541 A1	20041209	11	Apparatus and method for performing channel estimations using non-linear filter	455/306	
5	US 20040190637 A1	20040930	12	System and method for adaptive phase compensation of OFDM signals	375/260	
6	US 20040091021 A1	20040513	18	Radio receiving apparatus and radio receiving method	375/147	
7	US 20040028121 A1	20040212	60	Receiver processing systems	375/144	375/148
8	US 20040028013 A1	20040212	63	Receiver processing systems	370/335	370/342
9	US 20040017843 A1	20040129	59	Receiver processing systems	375/148	
10	US 20040001554 A1	20040101	21	Antenna signal processing systems	375/260	
11	US 20030211851 A1	20031113	14	Radio communication device and method thereof	455/450	455/452. 2
12	US 20030142655 A1	20030731	25	Receiving process method and receiving apparatus in mobile communication system	370/342	370/441

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2	Coralli, Alessandro Vanelli et al.
3	Malm, Peter et al.
4	Park, Jung-Keun
5	Maltsev, Alexander A. et al.
6	Arima, Takenobu
7	Fitton, Michael P.
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13	US 20030053413 A1	20030320	32	Radio transmission system and method, and transmitter apparatus and receiver apparatus used in the radio transmission system	370/208	
14	US 20030036359 A1	20030220	43	Mobile station loop-back signal processing	455/63.1	455/43; 455/69
15	US 20030031237 A1	20030213	10	Method for improving the reception of a CDMA receiver, and a CDMA receiver with improved reception	375/147	370/342
16	US 20020186677 A1	20021212	10	Channel estimation in a CDMA wireless communication system	370/342	
17	US 20020181624 A1	20021205	7	Method and apparatus for making a channel estimate	375/346	
18	US 20020167913 A1	20021114	13	Adaptive channel estimation in a wireless communication system	370/252	370/347
19	US 20020105961 A1	20020808	13	Transmit diversity method and system	370/442	370/342; 370/535
20	US 20020101908 A1	20020801	12	Apparatus and method for detecting signals of space-time coding based on transmission diversity	375/147	
21	US 20020085623 A1	20020704	16	System, method and apparatus for wireless channel parameter estimation in spread spectrum communication systems	375/148	
22	US 20020061005 A1	20020523	37	TSTD apparatus and method for a TDD CDMA mobile communication system	370/342	370/347; 375/140
23	US 20020009156 A1	20020124	17	Transmit diversity method and system	375/267	
24	US 20010038617 A1	20011108	11	Wireless code division multiple access communications system with channel estimation using fingers with sub-chip spacing	370/335	370/342; 455/422. 1

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14	Dent, Paul W. et al.
15	Bachl, Rainer et al.
16	Leung, Gilbert
17	Gonzalez, Juan G. et al.
18	Leung, Gilbert
19	Hottinen, Ari et al.
20	Kim, Yeon-Soo et al.
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25	US 20010036812 A1	20011101	12	Bit error estimates from pilot signals	455/67.13	455/515
26	US 20010017883 A1	20010830	20	Rake receiver	375/148	
27	US 6904078 B1	20050607	38	CDMA receiver and CDMA transmitter/receiver	375/141	375/148; 375/219; 375/232
28	US 6892053 B2	20050510	12	Bit error estimates from pilot signals	455/63.1	370/332; 370/333; 370/335; 370/342; 370/441; 375/148; 375/224; 375/227; 455/450; 455/464; 455/67.1 1; 455/67.1 6; 455/68
29	US 6876694 B2	20050405	11	Method and apparatus for decoding spread spectrum signal for CDMA	375/148	375/144; 375/346

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29	Komatsu; Masahiro

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30	US 6868112 B2	20050315	11	Apparatus and method for detecting signals of space-time coding based on transmission diversity	375/147	370/204; 370/342; 370/470; 375/267; 375/342
31	US 6856610 B2	20050215	10	Wireless code division multiple access communications system with channel estimation using fingers with sub-chip spacing	370/335	370/342; 375/130
32	US 6757272 B1	20040629	24	Channel estimation unit, and CDMA receiver and CDMA transceiver with channel estimation unit	370/342	370/328; 370/335; 375/260
33	US 6754286 B2	20040622	17	Transmit diversity method and system	375/299	375/267; 375/358; 455/101
34	US 6671268 B2	20031230	9	Channel estimation in a CDMA wireless communication system	370/342	370/320; 370/335; 370/441; 375/145; 375/148; 375/149
35	US 6647003 B1	20031111	24	Channel estimation unit, and CDMA receiver and CDMA transceiver with channel estimation unit	370/335	370/480; 370/491
36	US 6643275 B1	20031104	13	Random access in a mobile telecommunications system	370/328	
37	US 6584161 B2	20030624	13	Transmit diversity method and system	375/299	375/260

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38	US 6535502 B1	20030318	11	Pilot symbols	370/345	370/442; 370/500
39	US 6529545 B2	20030304	20	Rake receiver	375/148	375/144
40	US 6493329 B1	20021210	12	Adaptive channel estimation in a wireless communication system	370/335	370/252; 370/500
41	US 6452917 B1	20020917	9	Channel estimation in a CDMA wireless communication system	370/342	370/320; 370/334; 375/147
42	US 6381229 B1	20020430	14	Random access in a mobile telecommunications system	370/328	
43	US 6272167 B1	20010807	5	Spread spectrum communication system	375/144	370/335; 370/342; 375/147; 375/150; 375/347; 455/137
44	US 6208632 B1	20010327	23	System and method for CDMA channel estimation	370/335	370/342
45	US 5881056 A	19990309	18	Method and apparatus of a multi-code code division multiple access receiver having shared accumulator circuits	370/335	370/342

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38	Brink; Stephan ten
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41	Leung; Gilbert
42	Narvinger; Per et al.
43	Ono; Shigeru
44	Kowalski; John M. et al.
45	Huang; Howard C. et al.